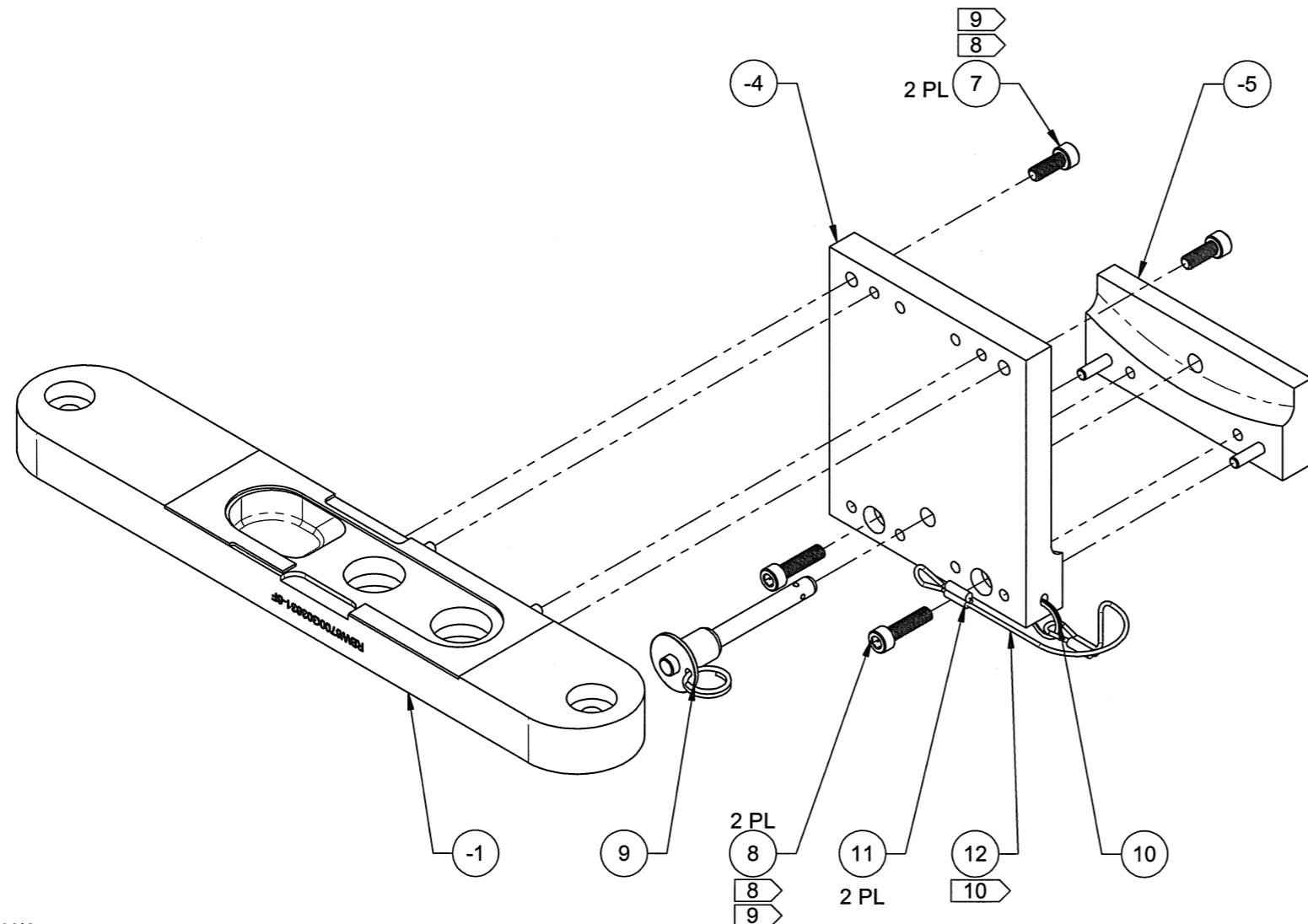


ITEM #	QTY	PART #	PART TITLE
-1	1	RBW6700G03631-6F-1	PLATE 1 ASSY
-4	1	RBW6700G03631-6F-4	PLATE 2
-5	1	RBW6700G03631-6F-5	PLATE 3 ASSY
7	2	McMaster#92185A989 OR EQUIV	SS316 SOCKET HEAD SCREW #10-32 X 1/2" LG.
8	2	McMaster#92185A991 OR EQUIV	SS316 SOCKET HEAD SCREW #10-32 X 3/4" LG.
9	1	McMaster#92851A120 OR EQUIV	17-4 PH SS STRONG-HOLD PUSH-BUTTON QUICK-RELEASE PIN 1/4" DIA. X 1-1/2" USABLE LENGTH
10	1	McMaster#90177A213 OR EQUIV	ZINC PLATED STEEL SPLIT RING 9/16" OD x 7/16" ID. x 1/16" THK
11	2	McMaster#3896T31 OR EQUIV.	ALUMINUM WIRE ROPE COMPRESSION SLEEVE 1/16" DIA. X 3/8" LG.
12	AR	CARR-LANE #CL-2-C	STEEL NYLON COATED 1/16" DIA. LANYARD



## NOTES:

1) MATERIAL: N/A

2) HEAT TREAT: N/A

3) FINISH: N/A

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°

X.XX = +/- 0.01" / +/- 0.5°

X.XXX = +/- 0.005" / +/- 0.1°

X.XXXX = +/- 0.0005" / +/- 0.05°

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) IDENTIFICATION: N/A

7) ASSEMBLE AS SHOWN

8) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEMS 7 &amp; 8 THEN ASSEMBLE WITH ITEMS -1 &amp; -5, AND REMOVE EXCESS

9) INSTALL ITEMS 8 &amp; 7 HAND TIGHT

10) ASSEMBLED LANYARD LENGTH MUST BE 6" +/- 1", LANYARD MUST MOVE FREELY WHEN INSTALLING/REMOVING ITEM 9

11) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

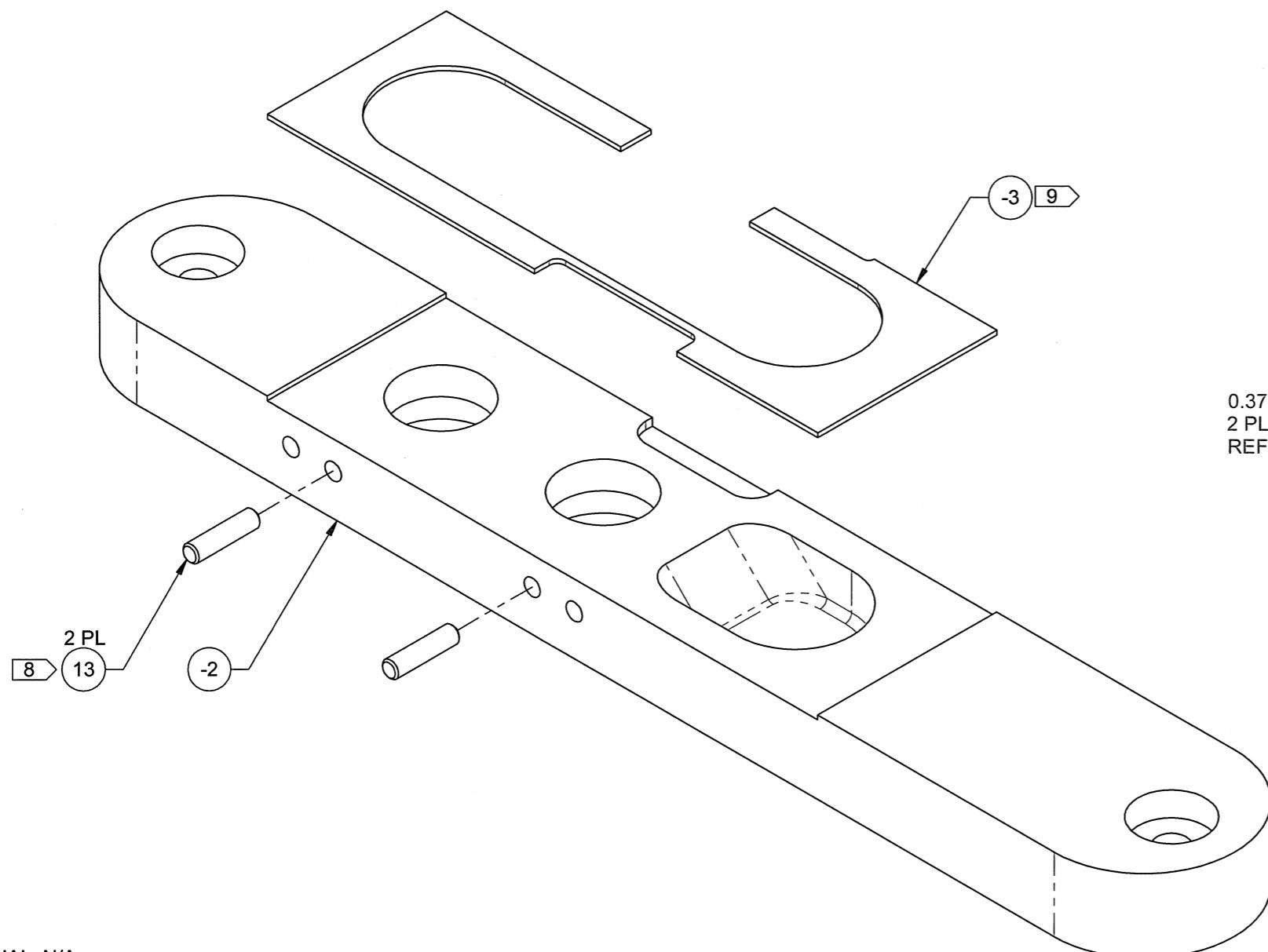
**RBW6700G03631-6F FRONT SUPPORT ASSY**

11

A	NEW ISSUE	19-676	VM
REV.	DESCRIPTION	ECN #	BY
DESIGN	VM	<b>DART AEROSPACE LTD</b>	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	
MFG. APPR.	FK	RBW6700G03631-6F	
APPROVED	WJ	TITLE	
DATE 4/2/2019		FRONT SUPPORT ASSY	
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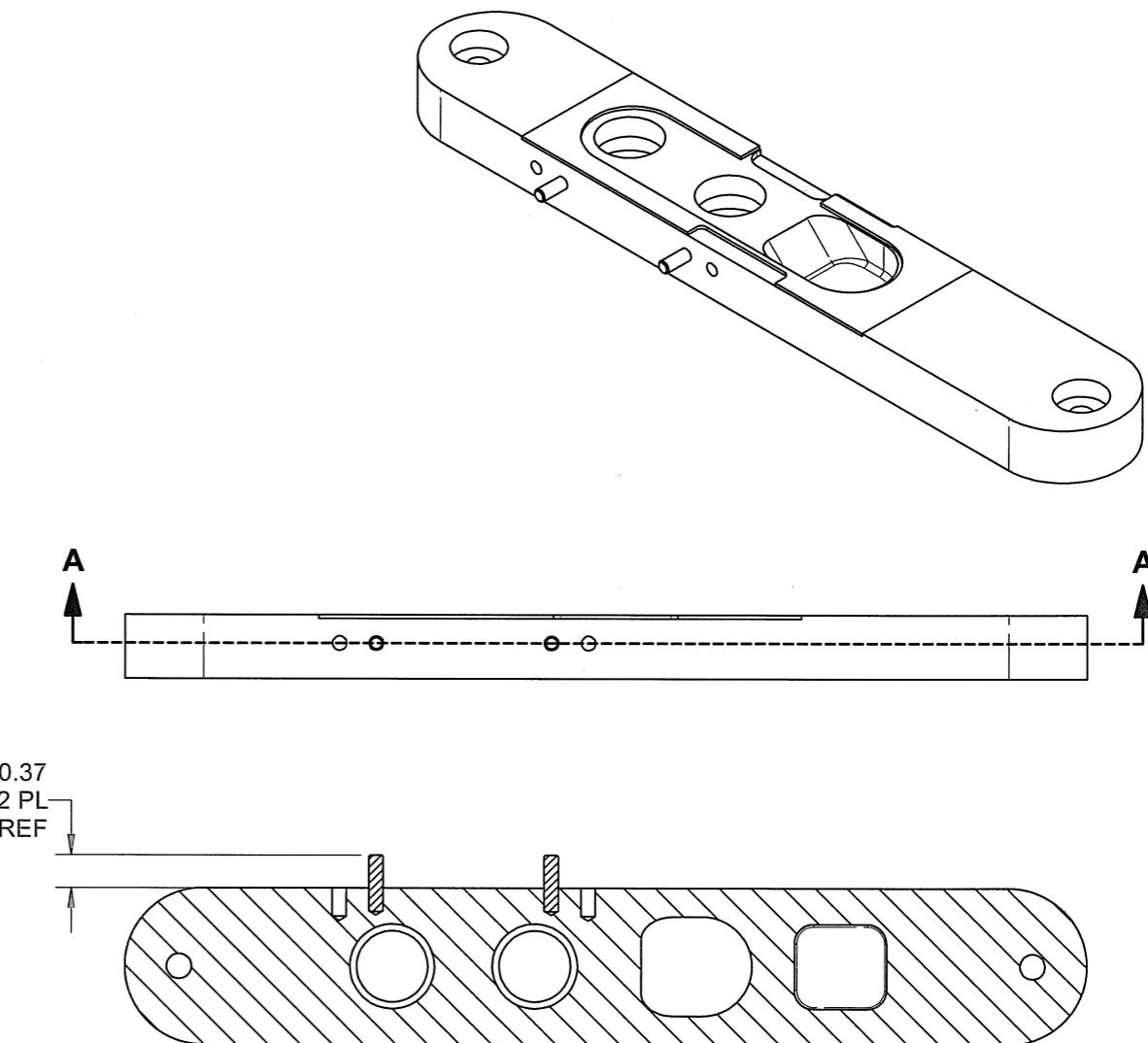
ITEM #	QTY	PART #	PART TITLE
-2	1	RBW6700G03631-6F-2	PLATE 1
-3	1	RBW6700G03631-6F-3	PROTECTION
13	2	McMaster#98380A485 OR EQUIV	SS416 DOWEL PIN 5/32" DIA. X 5/8" LG.

D

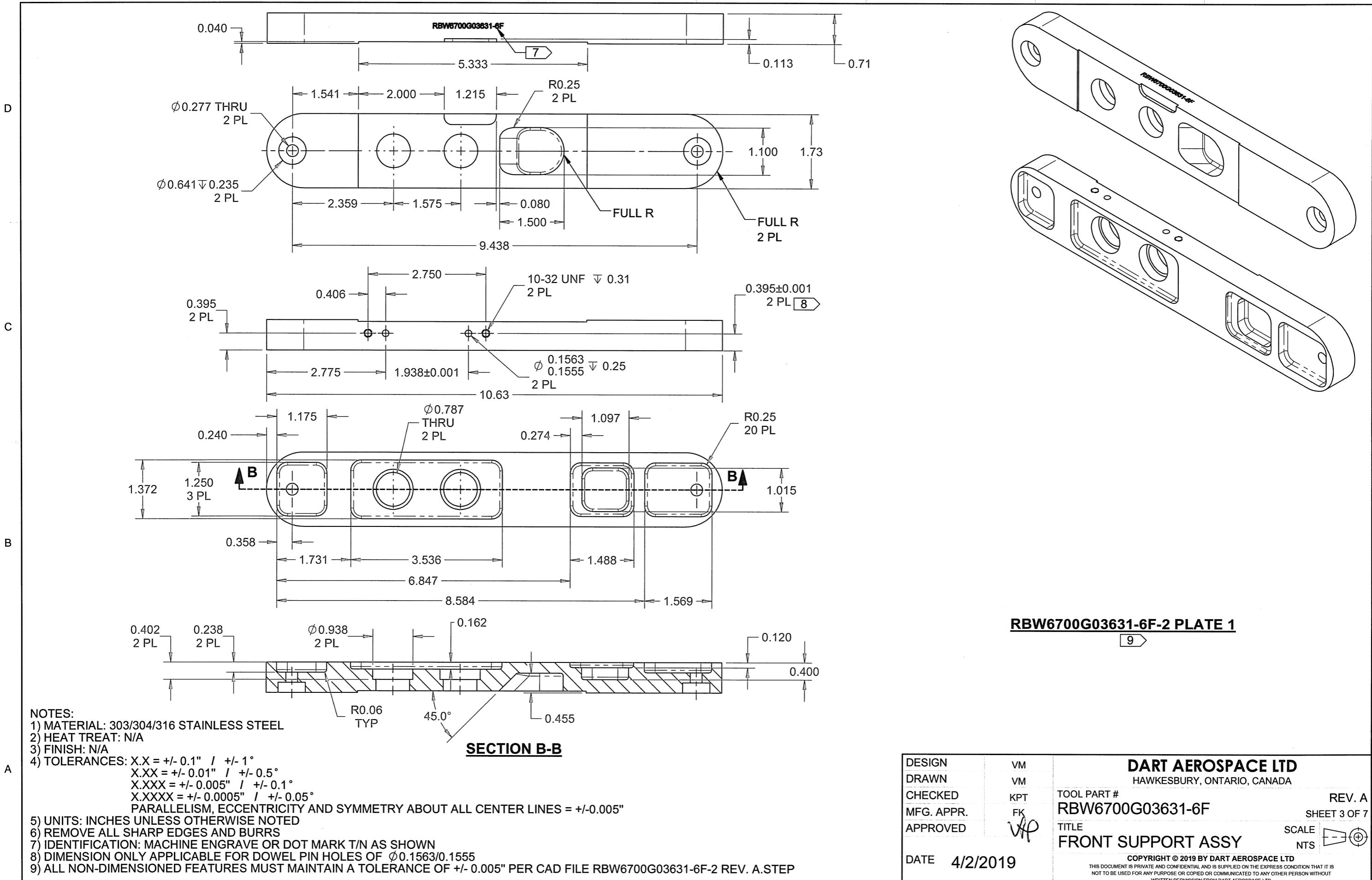


## NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) IDENTIFICATION: N/A
- 7) ASSEMBLE AS SHOWN
- 8) APPLY RETAINING COMPOUND LOCTITE 620 OR EQUIVALENT ON MATING SURFACES  
THEN PRESS FIT ITEMS 13 WITH ITEM -2 UNTIL BOTTOMED OUT, AND REMOVE EXCESS
- 9) APPLY INSTANT ADHESIVE LOCTITE 495 BETWEEN THE SURFACES OF ITEM -3 AND ITEM -2, REMOVE EXCESS, AND CUT EXCESS IF NECESSARY

**RBW6700G03631-6F-1 PLATE 1 ASSY**

DESIGN	VM	<b>DART AEROSPACE LTD</b>	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	REV. A	
MFG. APPR.	FK	SHEET 2 OF 7	
APPROVED	VWD	SCALE NTS	
DATE 4/2/2019		TOOL PART #	RBW6700G03631-6F
		TITLE	FRONT SUPPORT ASSY
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DESIGN DRAWN	VM	DART AEROSPACE LTD
CHECKED	VM	HAWKESBURY, ONTARIO, CANADA
MFG. APPR.	KPT	REV. A
APPROVED	FK	SHEET 3 OF 7
VHP		NTS
DATE 4/2/2019		COPYRIGHT © 2019 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

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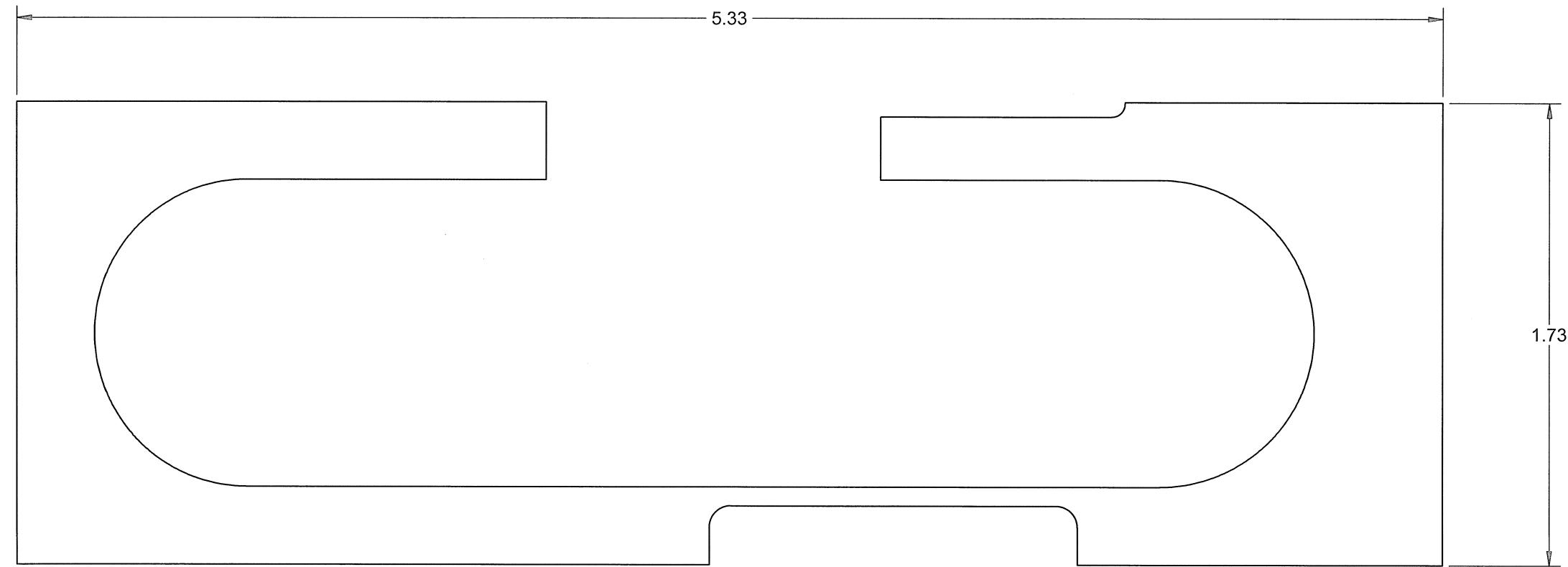
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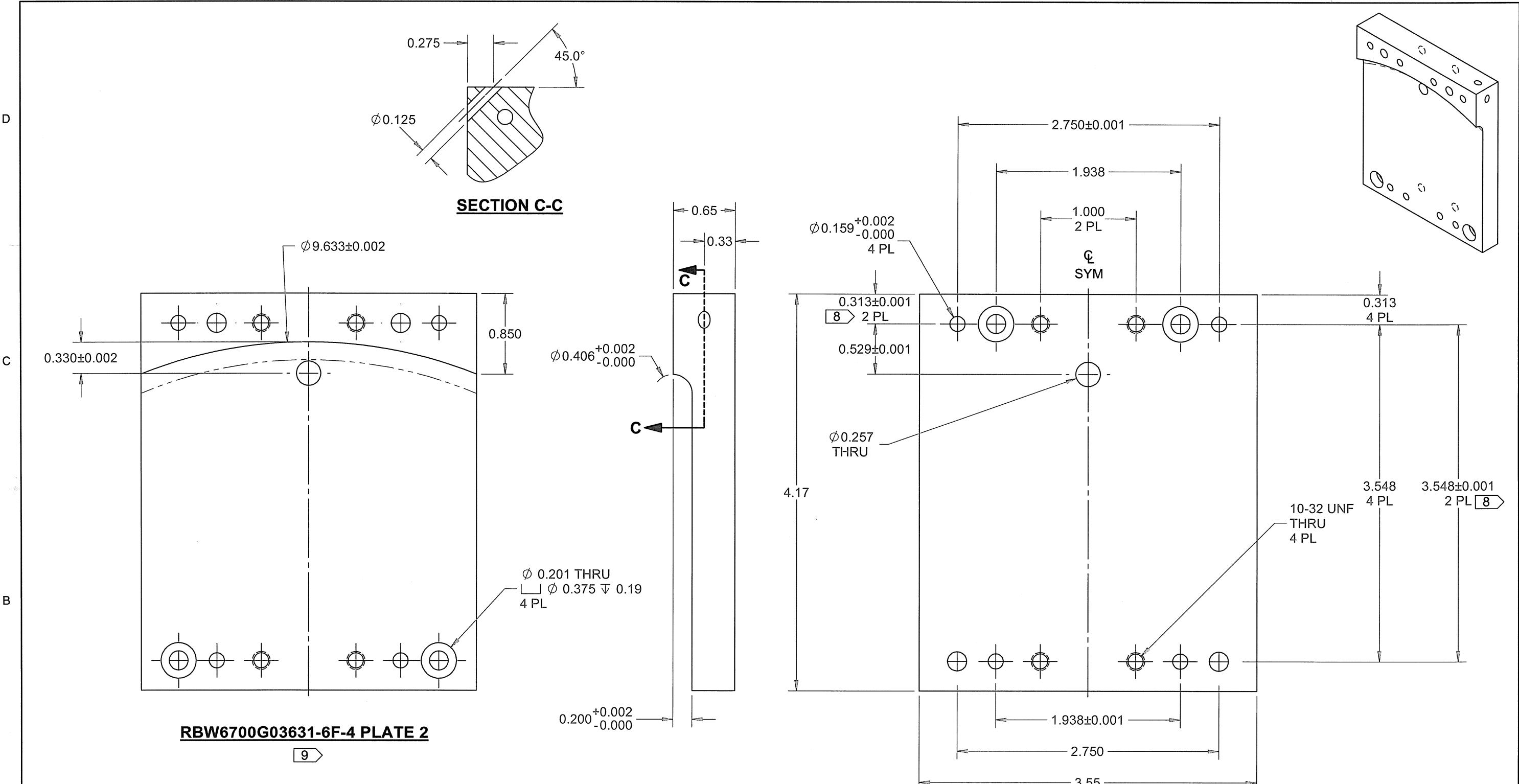
### RBW6700G03631-6F-3 PROTECTION

7

#### NOTES:

- 1) MATERIAL: McMaster#8569K26 OR EQUIV (TEFLON PTFE SHEET 6" WIDE X 0.04" THK.)
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) IDENTIFICATION: N/A
- 7) ALL NON-DIMENSIONED FEATURES MUST MAINTAIN A TOLERANCE OF +/- 0.050" PER CAD FILE RBW6700G03631-6F-3 REV. A.DXF

DESIGN	VM	DART AEROSPACE LTD
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA
CHECKED	KPT	TOOL PART #
MFG. APPR.	FK	RBW6700G03631-6F
APPROVED	WY	TITLE
		FRONT SUPPORT ASSY
DATE 4/2/2019		SCALE NTS
		REV. A
		SHEET 4 OF 7
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**RBW6700G03631-6F-4 PLATE 2**

9

## NOTES:

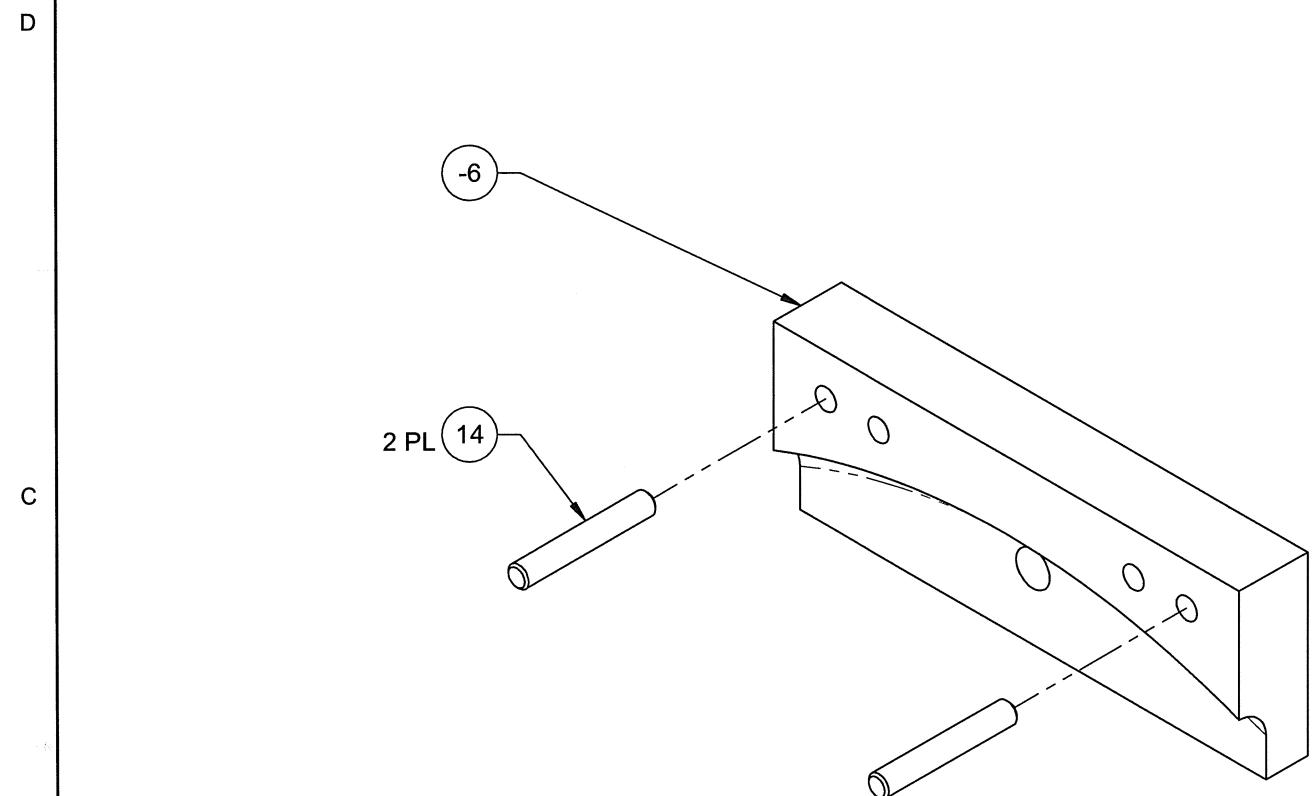
NOTES:

- 1) MATERIAL: 303/304/316 STAINLESS STEEL
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A
- 8) DIMENSION ONLY APPLICABLE FOR DOWEL PIN HOLES OF  $\phi 0.159 +0.002/-0.001$
- 9) ALL NON-DIMENSIONED FEATURES MUST MAINTAIN A TOLERANCE OF +/- 0.005" PER CAD FILE RBW

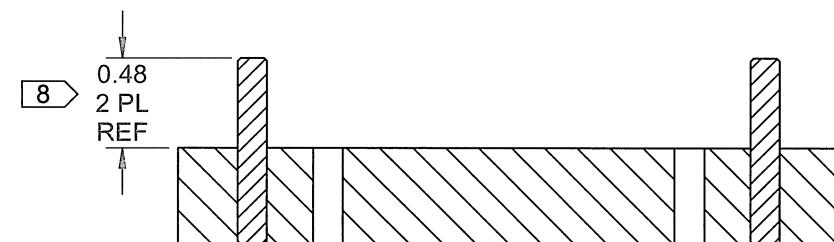
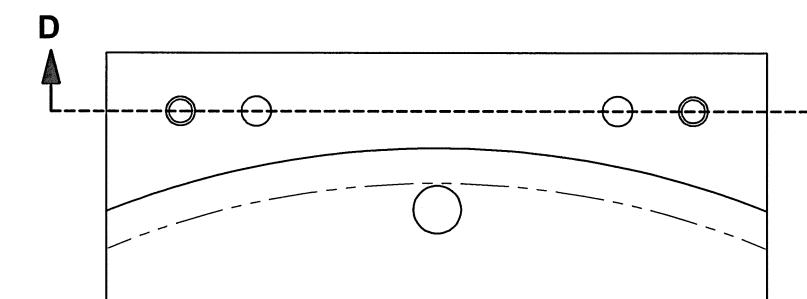
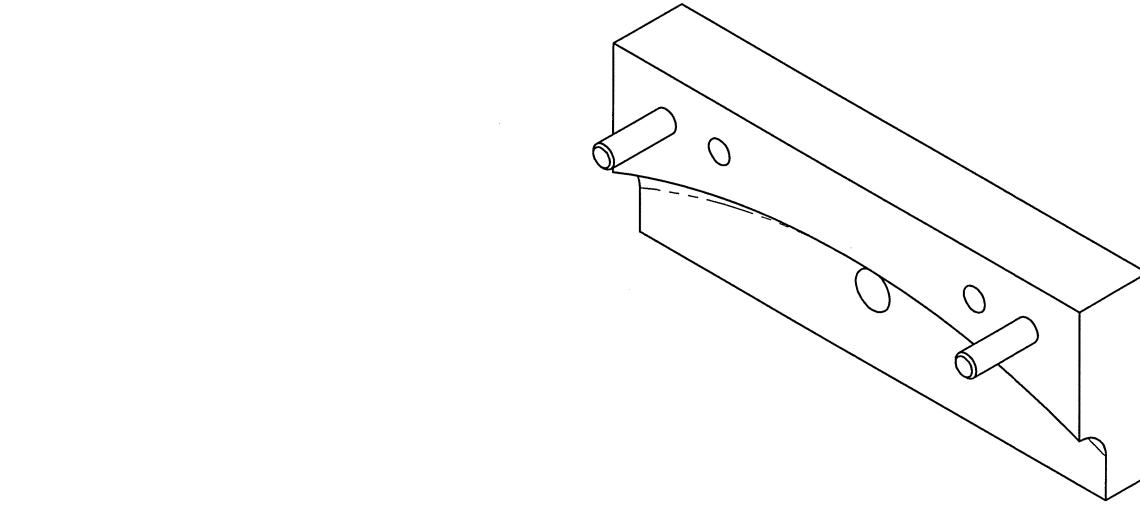
DESIGN	VM	DART AEROSPACE LTD	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	REV. A
MFG. APPR.	FK	RBW6700G03631-6F	SHEET 5 OF 7
APPROVED	VJY	TITLE	SCALE
		FRONT SUPPORT ASSY	NTS
DATE	4/2/2019	COPYRIGHT © 2019 BY DART AEROSPACE LTD	
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ITEM #	QTY	PART #	PART TITLE
-6	1	RBW6700G03631-6F-6	PLATE 3
14	2	McMaster#98380A489 OR EQUIV	SS416 DOWEL PIN 5/32" DIA. X 1" LG.



**RBW6700G03631-6F-5 PLATE 3 ASSY**



**SECTION D-D**

**NOTES:**

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) IDENTIFICATION: N/A
- 7) ASSEMBLE AS SHOWN
- 8) APPLY RETAINING COMPOUND LOCTITE 620 OR EQUIVALENT ON MATING SURFACES  
THEN PRESS FIT ITEMS 14 FLUSH TO SURFACE OF ITEM -6, AND REMOVE EXCESS

DESIGN	VM	<b>DART AEROSPACE LTD</b>	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	REV. A	
MFG. APPR.	FK	SHEET 6 OF 7	
APPROVED	VJ	TOOL PART #	
<b>RBW6700G03631-6F</b>			
TITLE			
<b>FRONT SUPPORT ASSY</b>			
DATE 4/2/2019			

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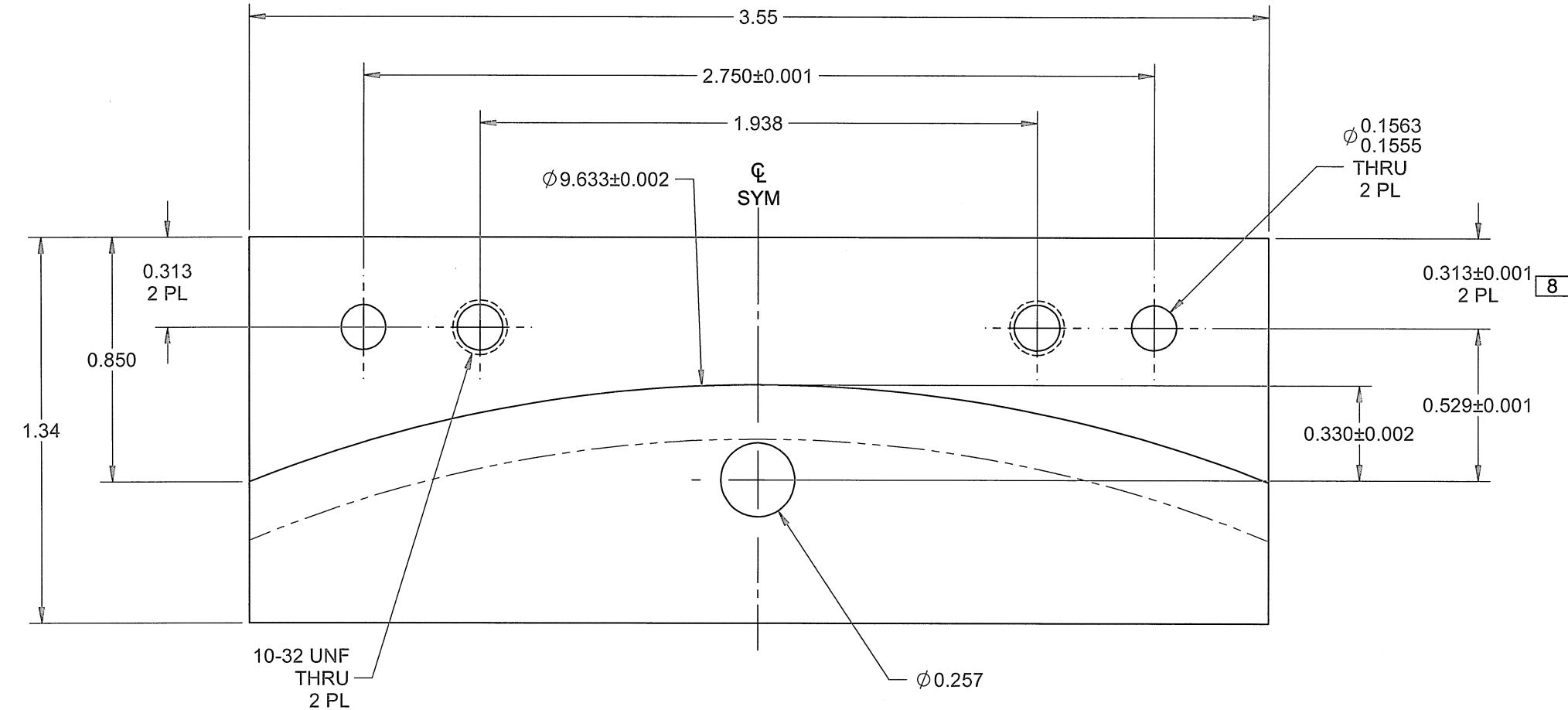
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### RBW6700G03631-6F-6 PLATE 3

9

#### NOTES:

- 1) MATERIAL: 303/304/316 STAINLESS STEEL
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A
- 8) DIMENSION ONLY APPLICABLE FOR DOWEL PIN HOLES OF Ø 0.1563 / 0.1555
- 9) ALL NON-DIMENSIONED FEATURES MUST MAINTAIN A TOLERANCE OF +/- 0.005" PER CAD FILE RBW6700G03631-6F-6 REV. A.STEP

DESIGN	VM	DART AEROSPACE LTD
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA
CHECKED	KPT	
MFG. APPR.	FK	
APPROVED	WF	
DATE	4/2/2019	

TOOL PART # **RBW6700G03631-6F**  
 TITLE **FRONT SUPPORT ASSY**  
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REV. A  
 SHEET 7 OF 7  
 SCALE NTS